

Safety Instructions

Submersible pressure transmitter model LH-20

GB

Installation control diagram
GE 3032



Submersible pressure transmitter model LH-20



 Part of your business



Member of the FM Global Group

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CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

I. WIKA LH-20 IS Version

LH-20-abcdefghijklmnopqrstuvwx, Pressure Transmitter.

IS/I,II,III/1/ABCDEFG/T4 Ta = 80 °C; T6 Ta = 60 °C; GE3032; Entity; Type 4X/6P; IP68

I/O/AEx ia/IIC/T4 Ta = 80 °C; T6 Ta = 60 °C; GE3032; Entity; Type 4X/6P; IP68

NI/II/2/ABCD/T4 Ta = 80 °C; T6 Ta = 60 °C; Type 4X/6P; IP68

NI/II/IIC/T4 Ta = 80 °C; T6 Ta = 60 °C; Type 4X/6P; IP68

Reference Control Drawing No. GE3032 for Entity Parameter values

abode = Measuring Range: Five character code representing measuring range and unit (max. 30 bar/435 psi max)

f = Version/Process Temperature Code: A, B or C

ghijk = Length: Five character code representing length from 0 to max. 550 m/1804 ft. length

l = Electronics: A or R

m = Deviation in Characteristic: M or P

n = Transmitter Material/Diameter: S or T

opqrst = Agency Approval: FISGGK, FISGGZ, FISGZK or FISGZZ

u = Test Certificate: K or Z

vw = Transmitter Options: LS or LT

x = Seal Measuring Cell: E or K

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Equipment Ratings:

I. IS (Div. 1) Version

Intrinsically Safe Apparatus for use in Class I, Division 1 or 2, Groups A, B, C & D, Class II, Division 1 or 2, Groups E, F & G, Class III, Division 1 or 2, in accordance with manufacturer's Control Drawing; Equipment protection by Intrinsic Safety AEx ia for use in Class I, Zone 0, Zone 1, or Zone 2, Group IIC, in accordance with manufacturer's Control Drawing; Nonincendive Apparatus for use in Class I, Division 2, Groups A, B, C & D; Nonincendive for use in Class I, Zone 2, Group IIC hazardous (classified) locations, Type 4X/6P and IP68

FM Approved for:

WIKA Alexander Wiegand SE & Co. KG
Alexander-Wiegand-Strasse 30
63911 Klingenberg
Germany

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This certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

Class 3600	2011
Class 3610	2010
Class 3611	2004
Class 3810	2005
ANSI/IEC 60529	2004
ANSI/ISA-61010-1	2004
ANSI/NEMA 250	2003

Original Project ID: 3051332

Approval Granted: *November 6, 2014*

Subsequent Revision Reports / Date Approval Amended

Report Number / Date

Report Number / Date

Report Number / Date

FM Approvals LLC



J.E. Marquedant
Manager, Electrical Systems

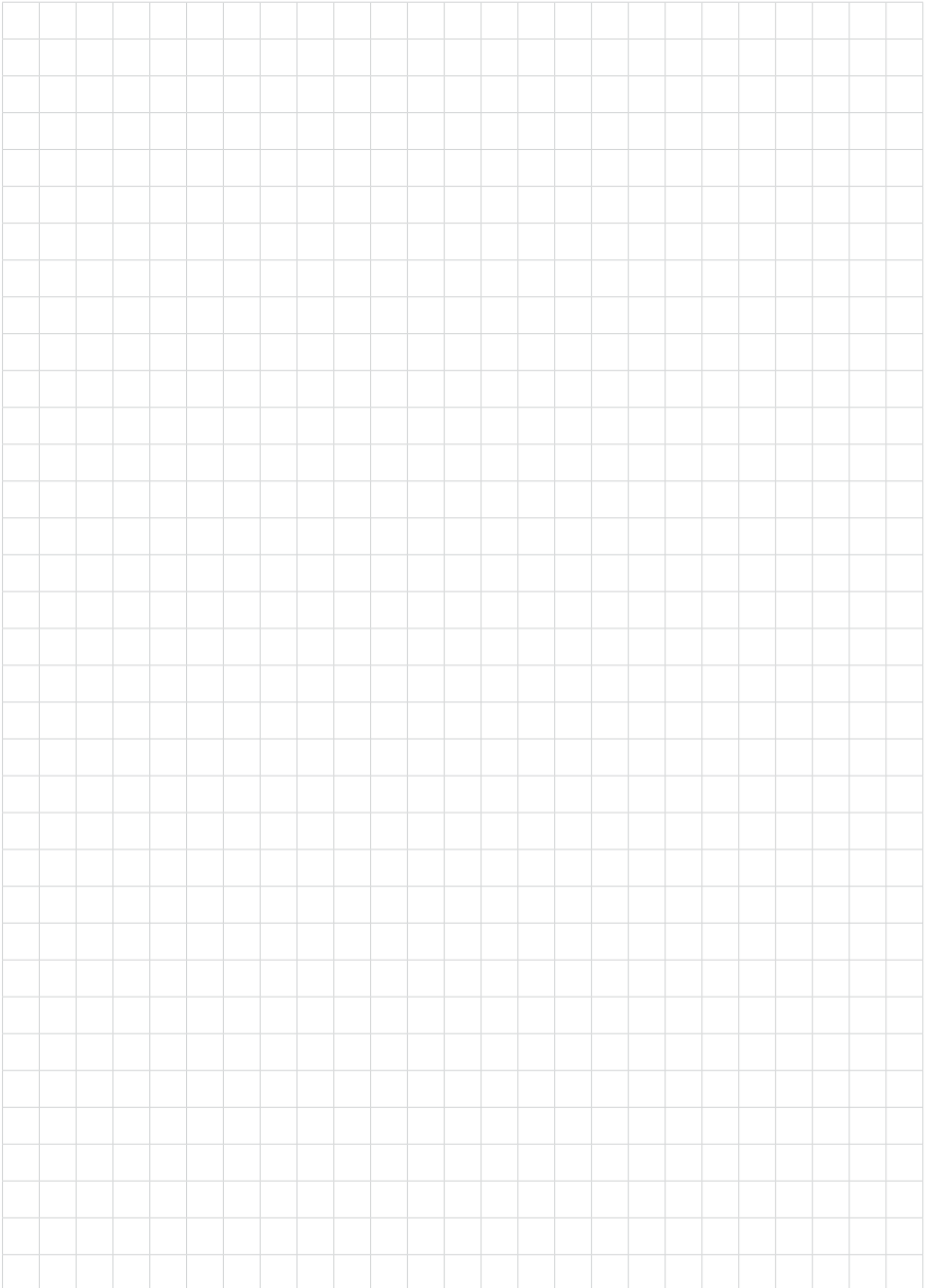
6 November 2014

Date

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Printing date:



All statements concerning scope of delivery, application, practical use and operating conditions of the sensors and processing systems correspond to the information available at the time of printing.



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